



National Science Foundation GRANTS CONFERENCE

TAMPA, FL JUNE 1–2, 2015

Crosscutting Programs



Hosted by the State University System of Florida at the University of South Florida

Panelists

David Campbell

Deputy Division Director (Acting), Directorate for Education & Human Resources; Division of Research on Learning in Formal & Informal Settings

Thyaga Nandagopal

Program Director, Directorate for Computer & Information Science & Engineering; Division of Computer & Network Systems

Athanassios Sambanis

Program Director, Directorate for Engineering; Division of Chemical, Bioengineering, Environmental, & Transport Systems

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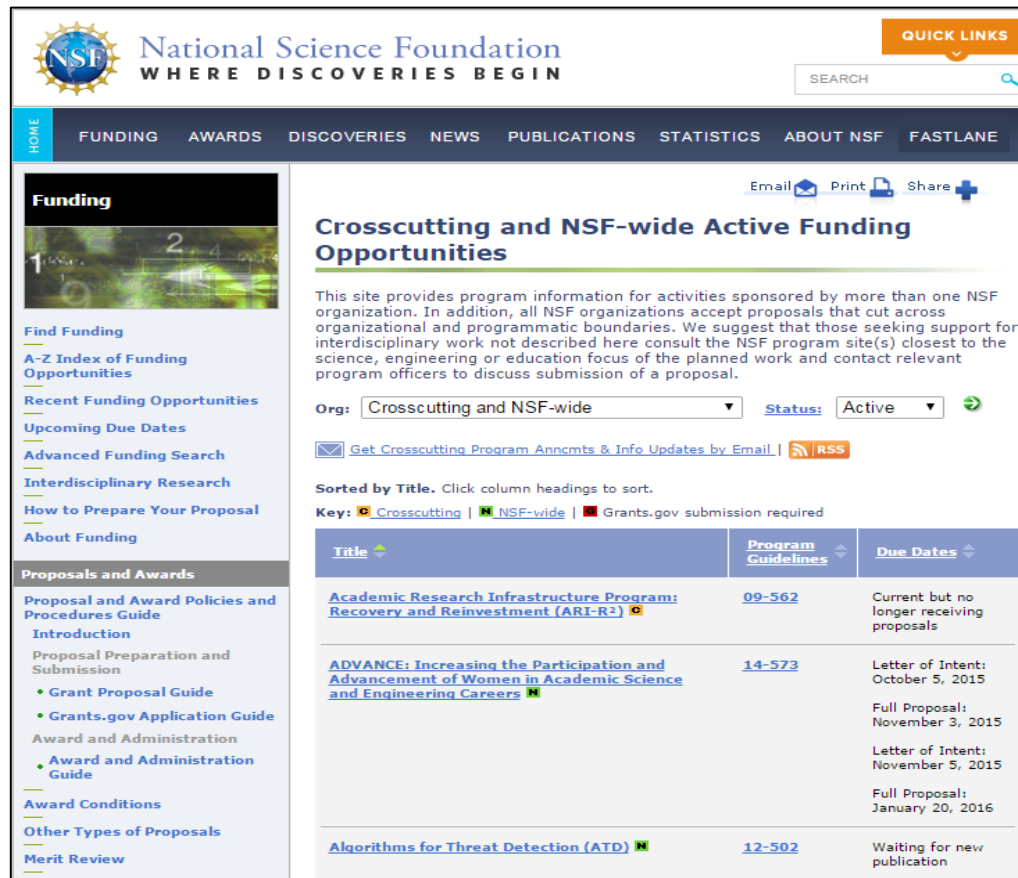
Topics Covered

- **ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers**
- **Graduate Research Fellowship Program (GRFP)**
- **Grant Opportunities for Academic Liaison with Industry (GOALI)**
- **Grants for Rapid Response Research (RAPID) & EARly-concept Grants for Exploratory Research (EAGER)**
- **Innovation Corps (I-Corps) – Teams & Sites**
- **Research Experiences for Undergraduates (REU)**
- **Major Research Instrumentation Program (MRI)**
- **Facilitating Research at Primarily Undergraduate Institutions (RUI)**
- **National Science Foundation Research Traineeship Program (NRT)**



Find Funding for Crosscutting Programs

Go to [nsf.gov/funding/pgm_list.jsp?type=xcut](https://www.nsf.gov/funding/pgm_list.jsp?type=xcut)



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WHERE DISCOVERIES BEGIN

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Crosscutting and NSF-wide Active Funding Opportunities

This site provides program information for activities sponsored by more than one NSF organization. In addition, all NSF organizations accept proposals that cut across organizational and programmatic boundaries. We suggest that those seeking support for interdisciplinary work not described here consult the NSF program site(s) closest to the science, engineering or education focus of the planned work and contact relevant program officers to discuss submission of a proposal.

Org: Status:

☒ Get Crosscutting Program Annncmts & Info Updates by Email | ☐ RSS

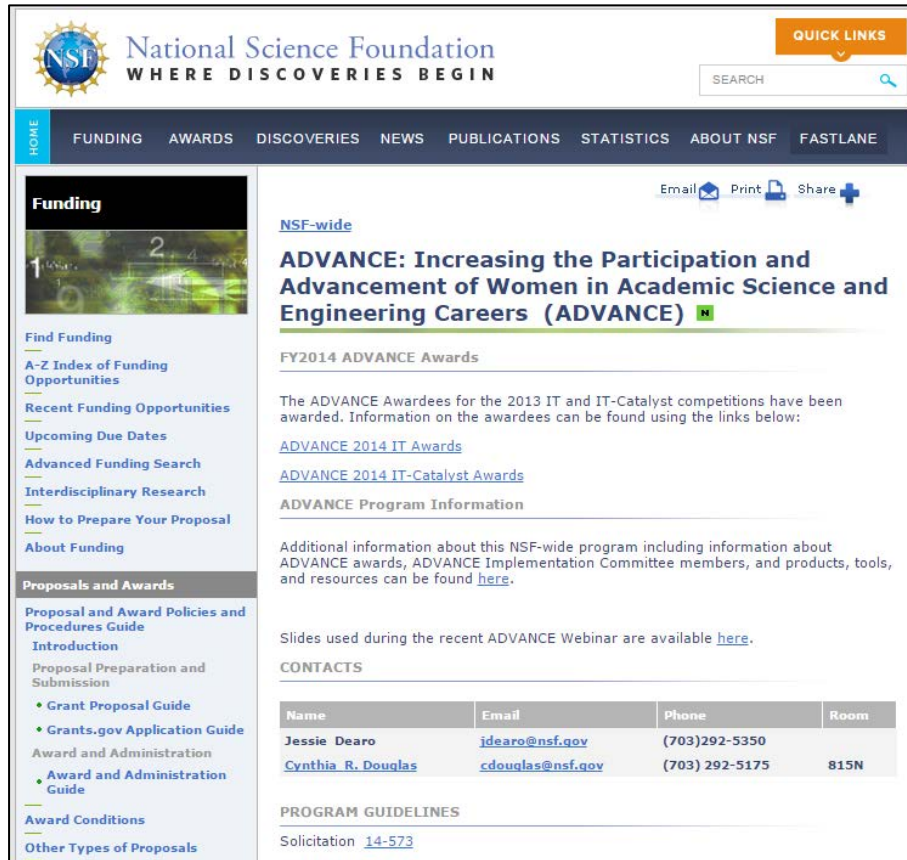
Sorted by Title. Click column headings to sort.

Key: ☒ Crosscutting | ☒ NSF-wide | ☐ Grants.gov submission required

Title	Program Guidelines	Due Dates
Academic Research Infrastructure Program: Recovery and Reinvestment (ARI-R2) <input checked="" type="checkbox"/>	09-562	Current but no longer receiving proposals
ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers <input checked="" type="checkbox"/>	14-573	Letter of Intent: October 5, 2015 Full Proposal: November 3, 2015 Letter of Intent: November 5, 2015 Full Proposal: January 20, 2016
Algorithms for Threat Detection (ATD) <input checked="" type="checkbox"/>	12-502	Waiting for new publication



ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers



The screenshot shows the NSF ADVANCE program website. The header includes the NSF logo and the text "National Science Foundation WHERE DISCOVERIES BEGIN". A search bar is located in the top right. Below the header is a navigation bar with links: HOME, FUNDING, AWARDS, DISCOVERIES, NEWS, PUBLICATIONS, STATISTICS, ABOUT NSF, and FASTLANE. The main content area is titled "Funding" and features a sidebar with links to "Find Funding", "A-Z Index of Funding Opportunities", "Recent Funding Opportunities", "Upcoming Due Dates", "Advanced Funding Search", "Interdisciplinary Research", "How to Prepare Your Proposal", and "About Funding". The main content area includes a "NSF-wide" link, the title "ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers (ADVANCE)", and a section for "FY2014 ADVANCE Awards". It states that ADVANCE Awardees for the 2013 IT and IT-Catalyst competitions have been awarded and provides links to "ADVANCE 2014 IT Awards" and "ADVANCE 2014 IT-Catalyst Awards". It also includes a link to "ADVANCE Program Information" and a section for "Additional information about this NSF-wide program". A "CONTACTS" table lists two individuals: Jessie Dearo and Cynthia R. Douglas, with their email addresses, phone numbers, and room numbers. The table also includes a "PROGRAM GUIDELINES" section with a link to "Solicitation 14-573".

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NSF-wide

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers (ADVANCE)

FY2014 ADVANCE Awards

The ADVANCE Awardees for the 2013 IT and IT-Catalyst competitions have been awarded. Information on the awardees can be found using the links below:

[ADVANCE 2014 IT Awards](#)
[ADVANCE 2014 IT-Catalyst Awards](#)
[ADVANCE Program Information](#)

Additional information about this NSF-wide program including information about ADVANCE awards, ADVANCE Implementation Committee members, and products, tools, and resources can be found [here](#).

Slides used during the recent ADVANCE Webinar are available [here](#).

CONTACTS

Name	Email	Phone	Room
Jessie Dearo	jdearo@nsf.gov	(703)292-5350	
Cynthia R. Douglas	cdouglas@nsf.gov	(703) 292-5175	815N

PROGRAM GUIDELINES

Solicitation [14-573](#)

- **Deadlines:**

Letter of Intent due dates vary by track

Full Proposal deadlines:

- November 3, 2015: IT Catalyst
- January 20, 2016: IT



ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

- **Program Goal:**

- To develop systemic approaches to increase the representation and advancement of women in academic STEM careers.
- To contribute to and inform the general knowledge base on gender equity in the academic STEM disciplines.

- **Projects Supported in 2015-2016**

- Partnerships for Learning and Adaptation Networks: Institutions of Higher Education
- Partnerships for Learning and Adaptation Networks: STEM Disciplines
- Institutional Transformation Catalyst Projects support the evaluation of current institutional activities to identify areas for transformation and cultural change.
- Institutional Transformation Projects systemically and permanently change institutional practices to promote women in STEM academics.

- **ADVANCE does not support activities to increase or retain the number of women entering into or persisting in STEM doctoral degree programs.**

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ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers (ADVANCE)

PROGRAM SOLICITATION
NSF 14-573

REPLACES DOCUMENT(S):
NSF 12-584



National Science Foundation

Directorate for Education & Human Resources
Division of Human Resource Development

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Office of International and Integrative Activities

Letter of Intent Due Date(s) *(required)* (due by 5 p.m. proposer's local time):

August 11, 2014

Partnerships for Learning and Adaptation Networks: Institutions of Higher Education (PLAN IHE)

August 20, 2014

Partnerships for Learning and Adaptation Networks: STEM Disciplines (PLAN D)

October 05, 2015

Institutional Transformation Catalyst (IT Catalyst)

November 05, 2015

Institutional Transformation (IT)

Estimated Number of Awards: 20

Anticipated Funding Amount: \$11 million



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Graduate Research Fellowship Program (GRFP)



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NSF-wide

NSF Graduate Research Fellowship Program (GRFP)

CONTACTS

The Graduate Research Fellowship Operations Center is responsible for processing applications and responding to requests for information. General inquiries regarding the Graduate Research Fellowship Program should be made to:

Graduate Research Fellowship Operations Center, telephone: 866-NSF-GRFP, 866-673-4737 (toll-free from the US and Canada) or 202-331-3542 (international). email: info@nsfgrfp.org

PROGRAM GUIDELINES

Solicitation [14-590](#)

Important Information for Proposers

A revised version of the *NSF Proposal & Award Policies & Procedures Guide (PAPPG)* (NSF 15-1), is effective for proposals submitted, or due, on or after December 26, 2014. The PAPPG is consistent with, and, implements the new Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) (2 CFR § 200). Please be advised that the guidelines contained in NSF 15-1 apply to proposals submitted in response to this funding opportunity.

SYNOPSIS

Contact Information:

GRFP Operations Center

866-NSF-GRFP; 866-673-4737

info@nsfgrfp.org

Deadlines:

- October 29: Engineering; Computer & Information Science & Engineering; Materials Research
- October 30: Mathematical Sciences; Chemistry; Physics and Astronomy
- November 3: Social Sciences; Psychology; STEM Education & Learning
- November 4: Life Sciences; Geosciences



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Graduate Research Fellowship Program (GRFP)

- Individual applications: research-based master's and doctoral degree in STEM including STEM education
- Awards about 2,000 for FY15
- Support STEM graduate students for 3 years
- Expand international research collaboration through Graduate Research Opportunities Worldwide (GROW): <http://www.nsf.gov/grow>
- 3-12 months research in partner countries



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Graduate Research Fellowship Program (GRFP)

- **Program Goals:**
 - Select, recognize, and financially support individuals early in their careers with the demonstrated potential to be high achieving scientists and engineers.
 - Broaden participation in science and engineering of underrepresented groups, including women, minorities, persons with disabilities, and veterans.



Graduate Research Fellowship Program (GRFP)

- **Funding:**

- Each Fellowship consists of three years of support usable over a five-year period.
- For each year of support, NSF provides a stipend of \$32,000 to the Fellow and a cost-of-education allowance of \$12,000 to the degree-granting institution.



Graduate Research Fellowship Program (GRFP)

Graduate Research Fellowship Program (GRFP)

PROGRAM SOLICITATION
NSF 14-590

REPLACES DOCUMENT(S):
NSF 13-584



National Science Foundation

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Education & Human Resources
Division of Graduate Education

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Office of International and Integrative Activities

Application Deadline(s) (received by 8 p.m. Eastern Standard Time):

October 29, 2014

**Estimated Number of
Awards: 2,000**

**Anticipated Funding
Amount: \$333 million**

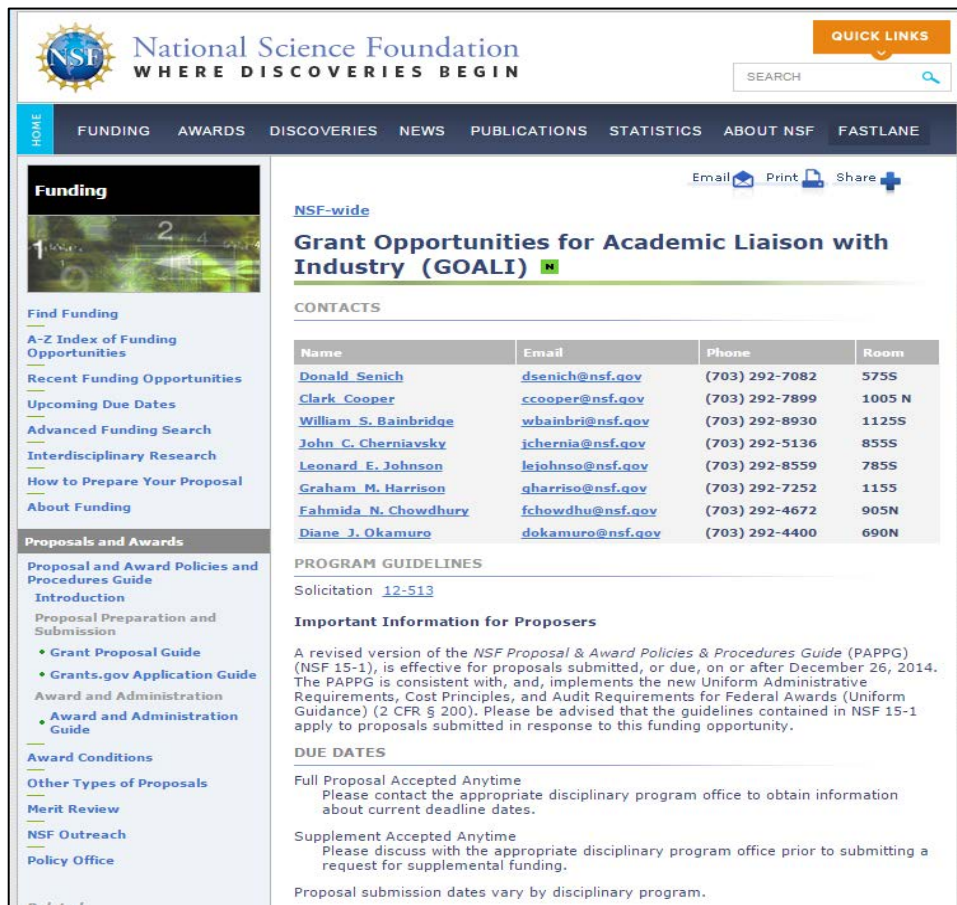


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Grant Opportunities for Academic Liaison with Industry (GOALI)



The screenshot shows the NSF website with the following content:

- Header:** NSF logo, "National Science Foundation WHERE DISCOVERIES BEGIN", "QUICK LINKS", and a search bar.
- Navigation Bar:** HOME, FUNDING, AWARDS, DISCOVERIES, NEWS, PUBLICATIONS, STATISTICS, ABOUT NSF, FASTLANE.
- Left Sidebar:**
 - Funding:** Find Funding, A-Z Index of Funding Opportunities, Recent Funding Opportunities, Upcoming Due Dates, Advanced Funding Search, Interdisciplinary Research, How to Prepare Your Proposal, About Funding.
 - Proposals and Awards:** Proposal and Award Policies and Procedures Guide, Introduction, Proposal Preparation and Submission, Grant Proposal Guide, Grants.gov Application Guide, Award and Administration, Award and Administration Guide, Award Conditions, Other Types of Proposals, Merit Review, NSF Outreach, Policy Office.
- Main Content Area:**
 - NSF-wide Grant Opportunities for Academic Liaison with Industry (GOALI)** (New icon)
 - CONTACTS**

Name	Email	Phone	Room
Donald Senich	dsenich@nsf.gov	(703) 292-7082	575S
Clark Cooper	cocooper@nsf.gov	(703) 292-7899	1005 N
William S. Bainbridge	wbainbri@nsf.gov	(703) 292-8930	1125S
John C. Cherniavsky	jchernia@nsf.gov	(703) 292-5136	855S
Leonard E. Johnson	lejohnso@nsf.gov	(703) 292-8559	785S
Graham M. Harrison	gharriso@nsf.gov	(703) 292-7252	115S
Fahmida N. Chowdhury	fchowdhu@nsf.gov	(703) 292-4672	905N
Diane J. Okamuro	dokamuro@nsf.gov	(703) 292-4400	690N
 - PROGRAM GUIDELINES**
 - Solicitation [12-513](#)
 - Important Information for Proposers**

A revised version of the *NSF Proposal & Award Policies & Procedures Guide (PAPPG)* (NSF 15-1), is effective for proposals submitted, or due, on or after December 26, 2014. The PAPPG is consistent with, and, implements the new Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) (2 CFR § 200). Please be advised that the guidelines contained in NSF 15-1 apply to proposals submitted in response to this funding opportunity.
 - DUE DATES**
 - Full Proposal Accepted Anytime**
Please contact the appropriate disciplinary program office to obtain information about current deadline dates.
 - Supplement Accepted Anytime**
Please discuss with the appropriate disciplinary program office prior to submitting a request for supplemental funding.
 - Proposal submission dates vary by disciplinary program.

- Contact disciplines for deadlines and contact information.
- Current solicitation number: 12-513



Grant Opportunities for Academic Liaison with Industry (GOALI)

- **Program Goals:**

- To promote university-industry partnerships by making project funds or fellowships/traineeships available to support an eclectic mix of industry-university linkages.
- To fund research that lies beyond that which industry would normally fund by themselves.
- Targets high-risk/high-gain research with a focus on fundamental topics, new approaches to solving generic problems, development of innovative collaborative industry-university educational programs, and direct transfer of new knowledge between academe and industry.



Grant Opportunities for Academic Liaison with Industry (GOALI)

- **Eligibility Information:**

- For fellowships/traineeships, only U.S. citizens, nationals, or permanent residents are eligible to apply for support under this program.
- NSF funds cannot go to an industry partner; they can only be used by the academic institution. The industry partner is expected to participate in the research effort to facilitate in the commercialization of the research.



Grant Opportunities for Academic Liaison with Industry (GOALI)

Grant Opportunities for Academic Liaison with Industry (GOALI)

PROGRAM SOLICITATION
NSF 12-513

REPLACES DOCUMENT(S):
NSF 10-580



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Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Education & Human Resources

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Office of International and Integrative Activities

Supplement Due Date(s) (due by 5 p.m. proposer's local time):

Proposals Accepted Anytime

Estimated Number of Awards: 60 to 80

Anticipated Funding Amount: \$5 million



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Grants for Rapid Response Research (RAPID)

The RAPID funding mechanism is for projects having a severe urgency with regard to availability of, or access to data, facilities or specialized equipment, including quick-response research on natural or anthropogenic disasters and similar unanticipated events.



RAPID

- Requests may be for up to \$200K and for one year of duration
- The project description is expected to be brief; no more than five pages
- Only internal merit review is required for RAPID proposals. Under rare circumstances, Program Officers may elect to obtain external reviews. If external merit review is to be used, then the PI will be informed



Early-concept Grants for Exploratory Research (EAGER)

- The EAGER funding mechanism may be used to support exploratory work in its early stages on untested, but potentially transformative, research ideas or approaches.
- This work is considered especially "high risk-high payoff" because it involves radically different approaches, applies new expertise, or engages novel disciplinary or interdisciplinary perspectives.



EAGER

- Requests may be for up to \$300K and for two years of duration
- Only internal merit review is required. Under rare circumstances, Program Officers may elect to obtain external reviews. If external merit review is to be used, then the PI will be informed
- No-cost extensions, and requests for supplemental funding may be requested but are subject to full external merit review



Innovation Corps Sites Program (I-Corps Sites)



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NSF-wide

Innovation Corps Sites Program (I-Corps Sites)

CONTACTS

Name	Email	Phone	Room
Rathindra DasGupta	rdasgupt@nsf.gov	(703) 292-8353	
Anita J. La Salle	alasalle@nsf.gov	(703) 292-5006	
Don L. Millard	dmillard@nsf.gov	(703) 292-4620	

PROGRAM GUIDELINES

Solicitation [14-547](#)

Important Information for Proposers

A revised version of the *NSF Proposal & Award Policies & Procedures Guide* (PAPPG) (NSF 15-1), is effective for proposals submitted, or due, on or after December 26, 2014. The PAPPG is consistent with, and implements the new Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) (2 CFR § 200). Please be advised that the guidelines contained in NSF 15-1 apply to proposals submitted in response to this funding opportunity.

DUE DATES

Full Proposal Deadline Date: June 9, 2015
Second Tuesday in June, Annually Thereafter

- **I-Corp Sites contact information is available at:**
www.nsf.gov/funding/pgm_summ.jsp?pims_id=504802&org=NSF&sel_org=XCUT&from=fund
- **Deadline:**
June 9, 2015
- **Current solicitation number:**
14-547



Innovation Corps Sites Program (I-Corps Sites)

- **Program Goal:**

- To spur translation of research, to encourage collaboration between academia and industry, and to train students to understand innovation and entrepreneurship. NSF funding through I-Corps Sites enables academic institutions to support teams whose projects are likely candidates for commercialization.

- **Purpose of Program:**

- To nurture and support multiple, local teams that are transitioning their ideas, devices, processes or other intellectual activities into the marketplace. While different institutions may choose different mechanisms for achieving the goals of an I-Corps Site, certain characteristics of a Site must be consistent - the make-up of the teams the Site supports, the origin and nature of the projects, and the kind of support that is provided to the teams by the site.

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Innovation Corps Sites Program (I-Corps Sites)

Innovation Corps Sites Program (I-Corps Sites)

PROGRAM SOLICITATION

NSF 14-547

REPLACES DOCUMENT(S):

NSF 12-604



National Science Foundation

Office of International and Integrative Activities

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Education & Human Resources

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Full Proposal Deadline(s) (due by 5 p.m. proposer's local time):

June 27, 2014

June 09, 2015

Second Tuesday in June, Annually Thereafter

IMPORTANT INFORMATION AND REVISION NOTES

- Due date is earlier in the year than prior solicitation's due date.
- A limit has been placed on the number of proposals per Organization

Estimated Number of Awards: 15 awards annually, pending availability of funds

Anticipated Funding Amount: \$1.5 million



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Innovation Corps Teams Program (I-Corps Teams)



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Related
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NSF-wide

Innovation Corps Teams Program (I-Corps Teams)

CONTACTS

Name	Email	Phone	Room
Rathindra DasGupta	rdasgupt@nsf.gov	703 292-8353	
Anita J. La Salle	alasalle@nsf.gov	703 292-5006	

PROGRAM GUIDELINES

Solicitation [12-602](#)

Important Information for Proposers

A revised version of the *NSF Proposal & Award Policies & Procedures Guide* (PAPPG) (NSF 15-1), is effective for proposals submitted, or due, on or after December 26, 2014. The PAPPG is consistent with, and, implements the new Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) (2 CFR § 200). Please be advised that the guidelines contained in NSF 15-1 apply to proposals submitted in response to this funding opportunity.

SYNOPSIS

The National Science Foundation (NSF) seeks to develop and nurture a national innovation ecosystem that builds upon fundamental research to guide the output of scientific discoveries closer to the development of technologies, products and processes that benefit society.

In order to jumpstart a national innovation ecosystem, NSF has established the NSF Innovation Corps Teams Program (NSF I-Corps Teams). The NSF I-Corps Teams purpose is to identify NSF-funded researchers who will receive additional support - in the form of mentoring and funding - to accelerate innovation that can attract subsequent third-party funding.

The purpose of the NSF I-Corps Teams grant is to give the project team access to resources to help determine the readiness to transition technology developed by previously-funded or currently-funded NSF projects. The outcomes of I-Corps Teams projects will be threefold: 1) a clear go or no go decision regarding viability of products and services, 2) should the decision be to move the effort forward, a transition plan for those projects to move forward, and 3) a technology demonstration for potential partners.

WEBINAR: A webinar will be held on the first Tuesday of every month to answer questions about this program. Details will be posted on the I-Corps website (see http://www.nsf.gov/news/special_reports/i-corps/program.jsp) as they become available.

- I-Corp Teams contact information is available at:
www.nsf.gov/funding/pgm_summ.jsp?pims_id=504672&org=NSF&sel_org=XCUT&from=fund
- **Submission Windows:**
 - July 1, 2015 – September 15, 2015
- **Current solicitation number:**
12-602



Innovation Corps Teams Program (I-Corps Teams)

- **Program Goals:**

- To spur translation of fundamental research to the market place, to encourage collaboration between academia and industry, and to train NSF-funded faculty, students and other researchers to understand innovation and entrepreneurship.

- **Program Purpose:**

- To identify NSF-funded researchers who will receive additional support - in the form of mentoring and funding - to accelerate the translation of knowledge derived from fundamental research into emerging products and services that can attract subsequent third-party funding.



Innovation Corps Teams Program (I-Corps Teams)

- **I-Corps projects outcomes:**
 - Clear go/no go decision regarding viability of products and services
 - Should the decision be to move the effort forward, a transition plan to do so
 - Technology demonstration for potential partners
- **A webinar will be held on the first Tuesday of every month to answer questions about this program.**

www.nsf.gov/news/special_reports/i-corps/program.jsp



Innovation Corps Teams Program (I-Corps Teams)

Innovation Corps Teams Program (I-Corps Teams)

PROGRAM SOLICITATION

NSF 12-602

REPLACES DOCUMENT(S):

NSF 11-560



National Science Foundation

Office of Integrative Activities

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Education & Human Resources

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Office of Cyberinfrastructure

Submission Window Date(s) (due by 5 p.m. proposer's local time):

October 01, 2012 - December 17, 2012

Estimated Number of Awards: 250

Anticipated Funding Amount: \$12.5 million

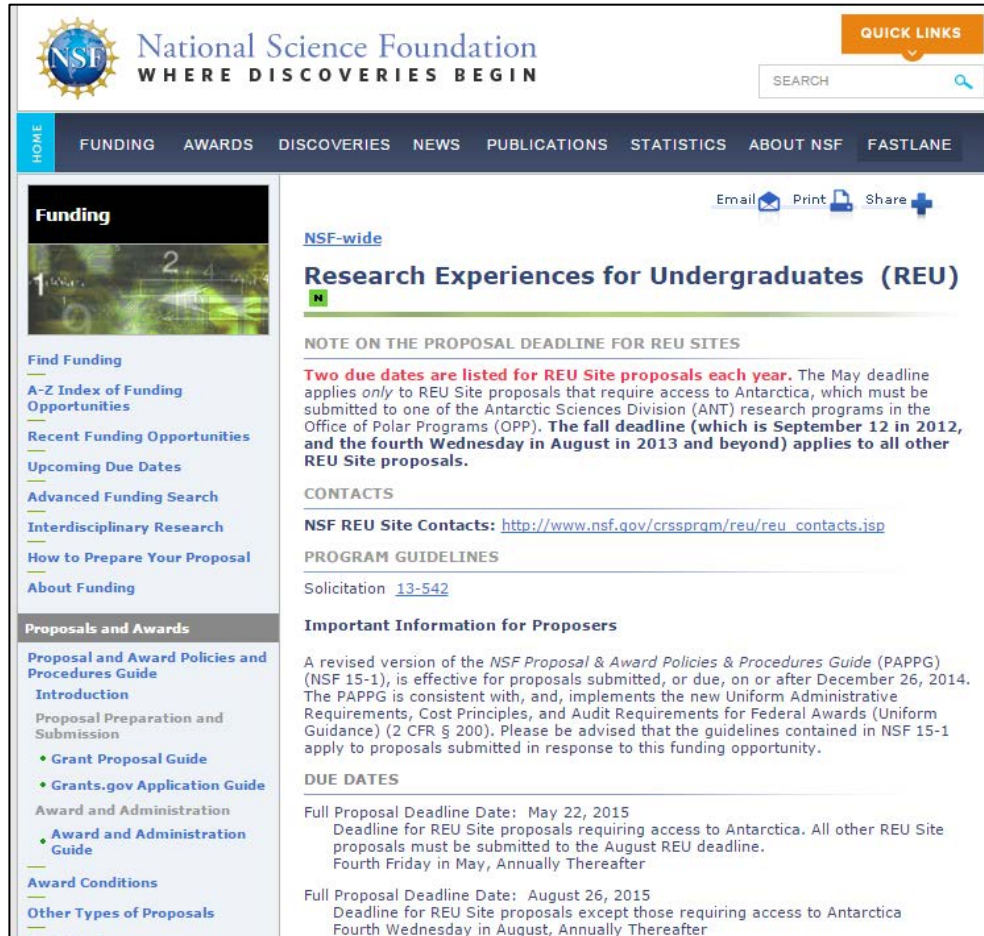


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Research Experiences for Undergraduates (REU)



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Research Experiences for Undergraduates (REU)

NOTE ON THE PROPOSAL DEADLINE FOR REU SITES

Two due dates are listed for REU Site proposals each year. The May deadline applies only to REU Site proposals that require access to Antarctica, which must be submitted to one of the Antarctic Sciences Division (ANT) research programs in the Office of Polar Programs (OPP). **The fall deadline (which is September 12 in 2012, and the fourth Wednesday in August in 2013 and beyond) applies to all other REU Site proposals.**

CONTACTS

NSF REU Site Contacts: http://www.nsf.gov/crssprgm/reu/reu_contacts.jsp

PROGRAM GUIDELINES

Solicitation [13-542](#)

Important Information for Proposers

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DUE DATES

Full Proposal Deadline Date: May 22, 2015
Deadline for REU Site proposals requiring access to Antarctica. All other REU Site proposals must be submitted to the August REU deadline.
Fourth Friday in May, Annually Thereafter

Full Proposal Deadline Date: August 26, 2015
Deadline for REU Site proposals except those requiring access to Antarctica
Fourth Wednesday in August, Annually Thereafter

- **Contact Information:**
http://www.nsf.gov/crssprgm/reu/reu_contacts.jsp
- **Deadlines:**
 - Full Proposal for REU Sites (Antarctica): May 22, 2015
 - Full Proposal for REU Sites (non-Antarctica): August 26, 2015
- **Current solicitation number:**
13-542



Research Experiences for Undergraduates (REU)

REU Sites:

- **Program Goals:**
 - To initiate and conduct projects that engage a number of undergraduate students in research.
 - To involve students in research who might not otherwise have the opportunity, particularly those from academic institutions where research programs are limited.
- **Recruitment:**
 - Significant percentage of students from outside host institution.



Research Experiences for Undergraduates (REU)

REU Supplements:

- **Program Goal:**

- To provide support for one or two undergraduate students to participate in research, as part of a new or ongoing NSF-funded research project.

REU Special Opportunities:

- Partnership with the Department of Defense
- Partnership with the Department of Energy's Geothermal Technologies Program
- International Projects
- Research Experiences for Teachers



Research Experiences for Undergraduates (REU)

Research Experiences for Undergraduates (REU)

Sites and Supplements

PROGRAM SOLICITATION

NSF 13-542

REPLACES DOCUMENT(S):

NSF 12-569



National Science Foundation

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering
Division of Advanced Cyberinfrastructure

Directorate for Education & Human Resources

Directorate for Engineering

Directorate for Geosciences
Division of Polar Programs

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Office of International and Integrative Activities

Estimated Number of Awards: 180 new site awards and 1,600 new supplement awards per year

Anticipated Funding Amount: \$68 million

REU activity may be funded in several different ways:

- A standard or continuing grant (for REU Sites)
- A supplement to an existing award
- A component of a new or renewal grant or cooperative agreement




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Major Research Instrumentation (MRI)



The screenshot shows the NSF website with the 'Major Research Instrumentation Program (MRI)' page. The page includes a search bar, navigation links, and a sidebar with 'Funding' and 'Proposals and Awards' sections. The main content area features 'NSF-wide' and 'MRI News' sections, a 'CONTACTS' table, and 'PROGRAM GUIDELINES'.

NSF-wide
Major Research Instrumentation Program (MRI)

MRI News
Release of a revised MRI solicitation is anticipated in late September, 2014.

CONTACTS

Name	Email	Phone	Room
Randy L. Phelps	rphelps@nsf.gov	(703) 292-5049	

Additional contact information for NSF's Major Research Instrumentation Program is as follows:

Office of International and Integrative Activities
Major Research Instrumentation Program
National Science Foundation, Room 935
4201 Wilson Boulevard
Arlington, VA 22230
(703) 292-8040
E-Mail: mri@nsf.gov
Website: <http://www.nsf.gov/od/iaa/programs/mri>

PROGRAM GUIDELINES
Solicitation [15-504](#)

Important Information for Proposers
A revised version of the *NSF Proposal & Award Policies & Procedures Guide (PAPPG)* (NSF 15-1), is effective for proposals submitted, or due, on or after December 26, 2014. The PAPPG is consistent with, and, implements the new Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) (2 CFR § 200). Please be advised that the guidelines contained in NSF 15-1 apply to proposals submitted in response to this funding opportunity.

DUE DATES
Full Proposal Deadline Date: January 13, 2016
Second Wednesday in January, Annually Thereafter

- **Contact Information:**
(703) 292-8040
mri@nsf.gov
- **Deadline:**
 - Full Proposal: January 13, 2016
- **Current solicitation number: 15-504**



Major Research Instrumentation (MRI)

- **Program Goals:**

- Support acquisition of major state-of-the-art instrumentation
- Foster development of the next generation of major instrumentation
- Integrate research with education
- Use, advance, and/or expand the Nation's cyber-infrastructure and/or high performance computing capability through instrumentation acquisition or development
- Promote academic and private sector instrument development partnerships



Major Research Instrumentation (MRI)

The Basics:

- **Submission limit** - Three (3) per organization: *If three proposals are submitted, at least one of the proposals must be for instrument development.*
- **Request size from NSF** - \$100,000-\$4 million from all eligible organizations; < \$100,000 exception for certain disciplines and from non-Ph.D.-granting institutions.
- **Merit Review** - At the time of submission, PI's are asked to identify an NSF division(s) to review proposal. NSF reserves the right to place proposals in the appropriate division(s) for review.



Major Research Instrumentation (MRI)

The Basics – Eligibility Information:

- **“US”-based Organizations:**
 - Colleges, universities, and institutions of higher education
 - Independent research museums and science centers
 - Independent nonprofit research organizations
 - Consortia of eligible organizations
 - Small businesses
 - Private sector partners with submitting organizations
 - May not submit as lead

The Basics – Cost Sharing:

- **2007 America COMPETES Act - Cost sharing required**
- **Ph.D.-granting and non-degree granting institutions: 30% cost-sharing required on all proposals**
- **Non-Ph.D.-granting institutions: no cost-sharing required**



Major Research Instrumentation (MRI)

Major Research Instrumentation Program: (MRI) Instrument Acquisition or Development

PROGRAM SOLICITATION NSF 15-504

REPLACES DOCUMENT(S): NSF 13-517



National Science Foundation

Office of International and Integrative Activities

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Education & Human Resources

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Full Proposal Deadline(s) (due by 5 p.m. proposer's local time):

January 22, 2015

January 13, 2016

Second Wednesday in January, Annually Thereafter

**Estimated Number of
Awards: 160**

**Anticipated Funding
Amount: \$75 million**



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Facilitating Research at Primarily Undergraduate Institutions: Research in Undergraduate Institutions (RUI) & Research Opportunity Awards (ROA)



The screenshot shows the National Science Foundation (NSF) website. The header includes the NSF logo, the text "National Science Foundation WHERE DISCOVERIES BEGIN", a search bar, and a "QUICK LINKS" button. The navigation bar contains links for HOME, FUNDING, AWARDS, DISCOVERIES, NEWS, PUBLICATIONS, STATISTICS, ABOUT NSF, and FASTLANE. The main content area is titled "Facilitating Research at Primarily Undergraduate Institutions: **N**". It includes a "CONTACTS" section with a link to http://www.nsf.gov/crssprgm/rui_roa/contacts.isp, a "PROGRAM GUIDELINES" section with a link to [14-579](#), and a "DUE DATES" section. A sidebar on the left lists various funding opportunities and guides.

Funding

Find Funding
A-Z Index of Funding Opportunities
Recent Funding Opportunities
Upcoming Due Dates
Advanced Funding Search
Interdisciplinary Research
How to Prepare Your Proposal
About Funding

Proposals and Awards
Proposal and Award Policies and Procedures Guide

NSF-wide

Facilitating Research at Primarily Undergraduate Institutions: **N**

CONTACTS

RUI/ROA inquiries regarding this announcement should be directed to discipline-specific contacts found at http://www.nsf.gov/crssprgm/rui_roa/contacts.isp.

PROGRAM GUIDELINES

Solicitation [14-579](#)

DUE DATES

Full Proposal Accepted Anytime
Submission deadlines vary by program and proposals must meet program-specific requirements to be considered for review. PIs should contact cognizant program officers for guidance.

All RUI proposals and proposals that contain an ROA component: PIs should contact the appropriate disciplinary program to obtain information about current program deadline dates.

- Submission deadlines vary by program
- Contact program officers for guidance



Research in Undergraduate Institutions (RUI)

Research Opportunity Awards (ROA)

- RUI proposals can be a request
 - To support an individual research project or collaborative project involving PUI faculty and students at their own or other institutions;
 - Involving shared research instrumentation
- ROA include the following types
 - Supplement/rebudget request to an existing award to support ROA activities for RUI faculty;
 - New collaborative proposal between a RUI and another institution(s)



Facilitating Research at Primarily Undergraduate Institutions: Research in Undergraduate Institutions (RUI) & Research Opportunity Awards (ROA)

Facilitating Research at Primarily Undergraduate Institutions: **Research in Undergraduate Institutions (RUI) and Research Opportunity Awards (ROA)**

PROGRAM SOLICITATION
NSF 14-579

REPLACES DOCUMENT(S):
NSF 00-144



National Science Foundation

Office of International and Integrative Activities

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Education & Human Resources

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Full Proposal Deadline(s) (due by 5 p.m. proposer's local time):

Proposals Accepted Anytime

Estimated Number of Awards: Varies across disciplinary research programs

Anticipated Funding Amount: Varies across disciplinary research programs



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National Science Foundation Research Traineeship Program (NRT)

The screenshot shows the NSF website with the NRT program highlighted. The header includes the NSF logo and the tagline 'WHERE DISCOVERIES BEGIN'. A navigation bar lists various categories like Funding, Awards, Discoveries, News, Publications, Statistics, About NSF, and Fastlane. The main content area is titled 'National Science Foundation Research Traineeship Program (NRT)' and includes a 'CONTACTS' table with three entries: Richard . Boone, Claire Hemingway, and Richard Tankersley, each with their email and phone number. Below the contacts is a section for 'PROGRAM GUIDELINES' mentioning the NSF 15-1 solicitation and the PAPPG.

NSF-wide

National Science Foundation Research Traineeship Program (NRT)

CONTACTS

Name	Email	Phone	Room
Richard . Boone	rboone@nsf.gov	(703) 292-4344	
Claire Hemingway	chemingw@nsf.gov	(703) 292-7135	
Richard Tankersley	rtankers@nsf.gov	(703) 292-8696	

PROGRAM GUIDELINES

Solicitation [15-542](#)

Important Information for Proposers

A revised version of the *NSF Proposal & Award Policies & Procedures Guide* (PAPPG) (NSF 15-1), is effective for proposals submitted, or due, on or after December 26, 2014. The PAPPG is consistent with, and, implements the new Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) (2 CFR § 200). Please be advised that the guidelines contained in NSF 15-1 apply to proposals submitted in response to this funding opportunity.

- **NRT Teams contact information is available at :**
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505015
- **Deadlines (applies to both tracks):**
Letter of Intent deadline:
 - December 22, 2015Full Proposal deadlines :
 - February 22, 2016
- **Current solicitation number:**
15-542



National Science Foundation Research Traineeship Program (NRT)

- **Program Goal:**

- To encourage the development and implementation of bold, new, potentially transformative, and scalable models for STEM graduate education training.
 - Traineeship Track: dedicated to effective training of STEM graduate students in high priority interdisciplinary research areas, through the use of a comprehensive traineeship model that is innovative, evidence-based, aligned with changing workforce and research needs, and scalable.
 - Innovations in Graduate Education (IGE): dedicated solely to piloting, testing, and evaluating novel, innovative, and potentially transformative approaches to graduate education, both disciplinary and interdisciplinary, to generate the knowledge required for their customization, implementation, and broader adoption.

- **Seeks proposals that ensure that graduate students in research-based master's and doctoral degree programs develop the skills, knowledge, and competencies needed to pursue a range of STEM careers.**



National Science Foundation Research Traineeship Program (NRT)

National Science Foundation Research Traineeship (NRT) Program

PROGRAM SOLICITATION
NSF 15-542

REPLACES DOCUMENT(S):
NSF 14-548



National Science Foundation

Directorate for Education & Human Resources
Division of Graduate Education

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Office of International and Integrative Activities

Letter of Intent Due Date(s) (optional) (due by 5 p.m. proposer's local time):

March 25, 2015

Applies to both tracks

December 22, 2015

Applies to both tracks

Full Proposal Deadline(s) (due by 5 p.m. proposer's local time):

May 06, 2015

Applies to both tracks

February 22, 2016

Applies to both tracks

Estimated Number of Awards: 24 to 30

Anticipated Funding Amount: \$37 million



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For More Information

Ask Early, Ask Often!

[nsf.gov/staff](https://www.nsf.gov/staff)

[nsf.gov/staff/orglist.jsp](https://www.nsf.gov/staff/orglist.jsp)

[nsf.gov/about/career_opps/rotators/index.jsp](https://www.nsf.gov/about/career_opps/rotators/index.jsp)

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